

# **REQUIREMENT ANALYSIS**

## **Solution Requirements (Functional & Non-Functional)**

Date	Febraury 2026
Team ID	LTVIP2026TMIDS37354
Project Name	ToyCraft tales: tableau's vision into toy manufacturer data
Maximum Marks	4 Marks

### Functional Requirements

<b>FR NO.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	Data Upload & Integration	Import toy industry CSV data into Tableau  Clean and format data for consistency and structure
FR-2	Market Trend Analysis	Analyze annual shipment growth and total market size  Highlight seasonal spikes
FR-3	Category Performance Dashboard	Visualize toy categories across years  Identify top-selling categories over time
FR-4	Regional & Demographic Filtering	Add filters by region, age group, and consumer type  Enable dynamic charts that respond to selections
FR-5	Unified Dashboard	Combine all insights into a single dashboard  Allow stakeholders to export reports or snapshots

## Non-Functional Requirements

NFR NO.	Non-Functional Requirements	Description
NFR-1	Usability	Dashboard should be intuitive, with tooltips and clear legends
NFR-2	Security	Only authorized users can upload/edit data in Tableau
NFR-2	Reliability	Dashboard should load consistently across devices and users
NFR-4	Performance	Visuals must load in under 2 seconds even with full dataset
NFR-5	Availability	Dashboard should be accessible 24/7 via Tableau Public or Server
NFR-6	Scalability	Should handle additional years/categories without redesign